



COPY OF PA S
ORIGINALLY FILED

FEE TRANSMITTAL

Complete if known

Application Number: 09/879,719

Filing Date: June 12, 2001

First Named Inventor: Curtis

Group Art Unit:

Examiner Name:

RECEIVED

JUN 06 2002

TECH CENTER 1600/2900

Total Amt. of Payment: (1)+(2)+(3)= \$200

Attorney Docket Number: 0307-P02533US2

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to:

☐ Charge indicated fees

☒ Charge additional fees

☒ Credit overpayments

to the account of DANN, DORFMAN, HERRELL & SKILLMAN

Deposit Account Number 04-1406

2. Payment enclosed:

Check in the amount of \$200

FEE CALCULATION (continued)

ADDITIONAL FEES

Fee Description

Fee Paid

Surcharge-late filing fee or oath

Surcharge - late provisional filing fee or cover sheet

Extension for response within first month

Extension for response within second month

Extension for response within third month

Extension for response within fourth month

Notice of Appeal

Filing a brief in support of an appeal

Request for oral hearing

Petition to revive unavoidably abandoned application

Petition to revive unintentionally abandoned application

Issue fee

Petitions to the Commissioner

Petitions related to provisional applications

Submission of Information Disclosure Stmt.

Recording each patent assignment per property

Other fee (specify) Advance Order (10 copies)

Other fee (specify)

200

SUBTOTAL (3) \$200

FEE CALCULATION

1. FILING FEE

Fee

Fee Description

Utility filing fee

Design filing fee

Plant filing fee

Reissue filing fee

Provisional filing fee

SUBTOTAL (1) \$0

2. Claims

Paid Extr Fee

Total Claims - = 0 x 9 = 0

Independent Claims - = 0 x 42 = 0

Multiple Dependent

(First presentation)

SUBTOTAL (2) \$0

Submitted By:

Typed or

Printed Name Stephen H. Eland

Reg. Number 41,010

Deposit Account User ID

Signature

Date May 14, 2002

04-1406



COPY OF PAPERS
ORIGINALLY FILED

1651-81

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of **Curtis**

Application No. 09/879,719

Attorney Docket No. 0307-P02533US2

Filed: June 12, 2001

For: Method and Apparatus for Aseptic
Growth of Cells and/or
Microorganisms

Examiner: Ware, Deborah K.

Group Art Unit: 1651

RECEIVED

JUN 06 2002

TECH CENTER 1600/2900

RESPONSE TO OFFICE ACTION

IN THE CLAIMS

1. (Amended) A method for culturing cells or microorganisms, comprising the steps of:
 - providing a flexible sterile plastic reservoir;
 - introducing a culture media into the reservoir;
 - inoculating the culture media with a cell or microorganism to provide a cell suspension;
 - aerating the cell suspension with a fluid at a flow rate;
 - detecting a characteristic of the cell suspension; and
 - varying at least one of the flow rate of the aerating fluid and the composition of the aerating fluid in response to the detected characteristic.
3. (Amended) The method of claim 1 comprising the step of circulating the cell suspension.
6. (Amended) The method of claim 4 wherein the step of aerating comprises aerating the cell suspension through the port in the closure.